Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
Data File : VV023160.D
Acq On : 02 Nov 2021 20:17
Operator : SY/MD
Sample : M4412-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG369

Quant Time: Nov 02 23:34:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 02 23:31:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121252	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43096	4.068	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.400%			
7) Chloroethane-d5	1.568	69	34698	5.294	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.800%			
11) 1,1-Dichloroethene-d2	2.111	63	60015	3.926	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.600%			
20) 2-Butanone-d5	3.889	46	85090	50.064	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.120%			
24) Chloroform-d	4.352	84	86581	5.027	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
26) 1,2-Dichloroethane-d4	5.037	65	39652	4.884	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.600%			
32) Benzene-d6	5.053	84	167700	4.600	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.000%			
36) 1,2-Dichloropropane-d6	6.072	67	50984	4.542	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.800%			
41) Toluene-d8	7.320	98	147244	4.496	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.000%			
43) trans-1,3-Dichloroprop...	7.625	79	18460	4.694	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.800%			
46) 2-Hexanone-d5	8.088	63	68005	46.708	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.420%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33550	4.329	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.600%			
66) 1,2-Dichlorobenzene-d4	11.625	152	57479	5.181	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.600%			
Target Compounds						Qvalue
13) Acetone	2.175	43	14335	17.191	ug/L	96
33) Benzene	5.105	78	27097	0.806	ug/L	100
42) Toluene	7.391	91	56917	1.671	ug/L	96
52) Ethylbenzene	9.018	91	7758	0.229	ug/L	97
53) m,p-xylene	9.140	106	10014	0.739	ug/L	97
54) o-xylene	9.548	106	8133	0.637	ug/L	95
62) 1,3,5-Trimethylbenzene	10.542	105	3140	0.124	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	12412	0.492	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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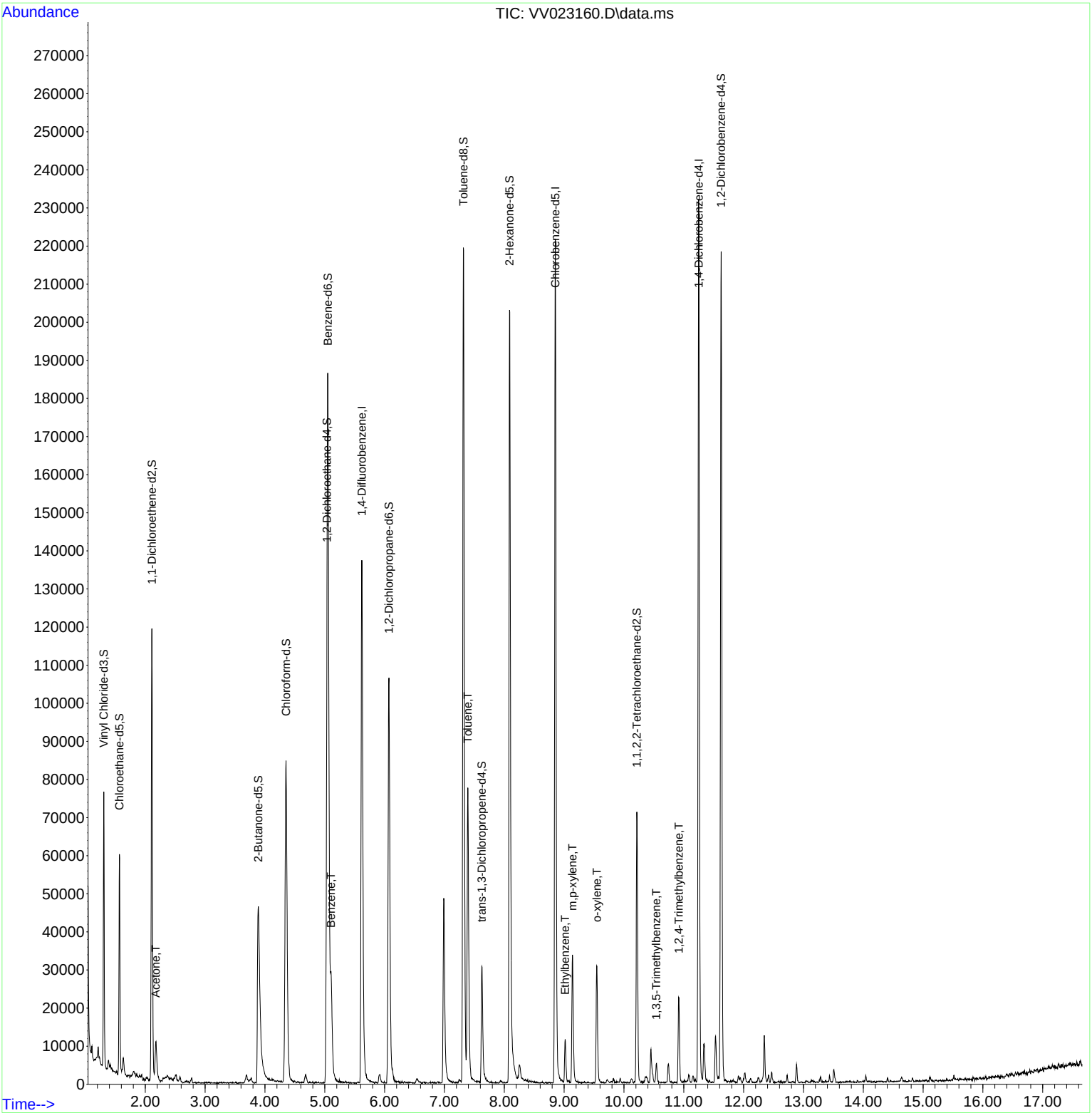
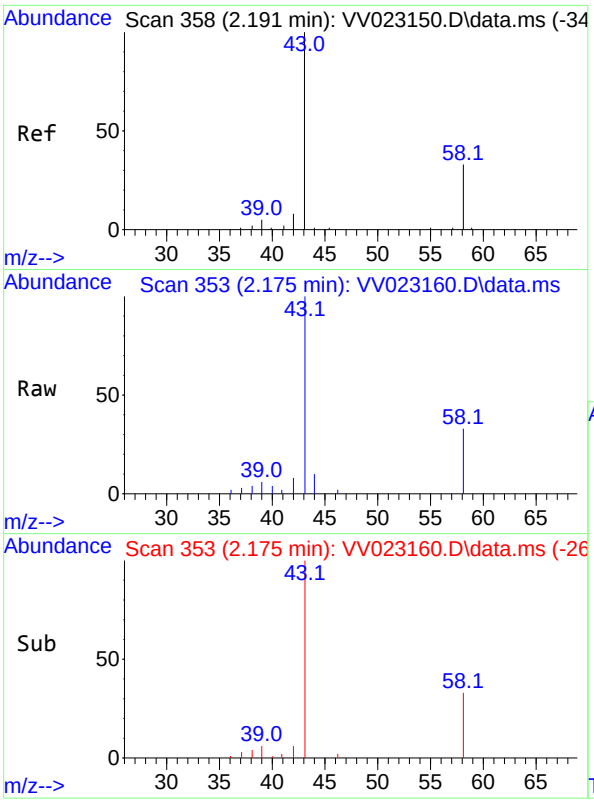
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 02 23:31:16 2021
Response via : Initial Calibration



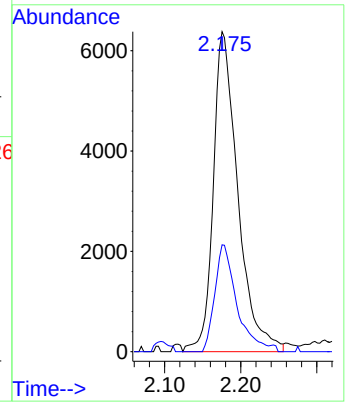


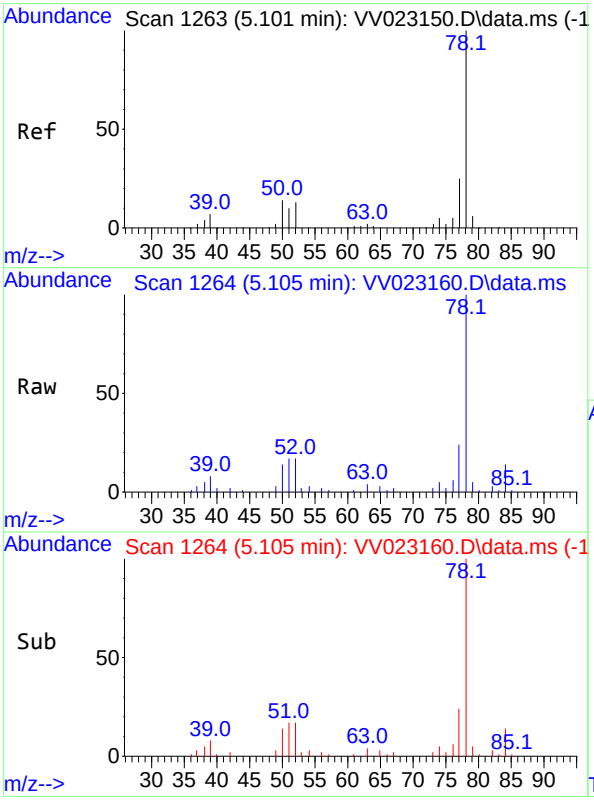
#13
Acetone
Concen: 17.191 ug/L
RT: 2.175 min Scan# 3
Delta R.T. -0.016 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Instrument :
MSVOA_V
ClientSampleId :
BG369

Tgt Ion: 43 Resp: 14335

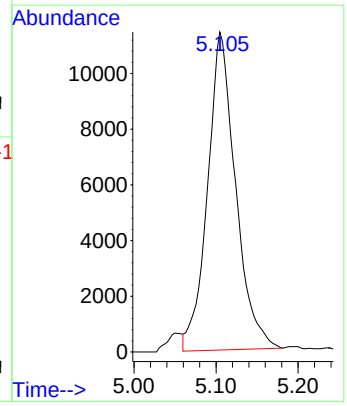
Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	55.4

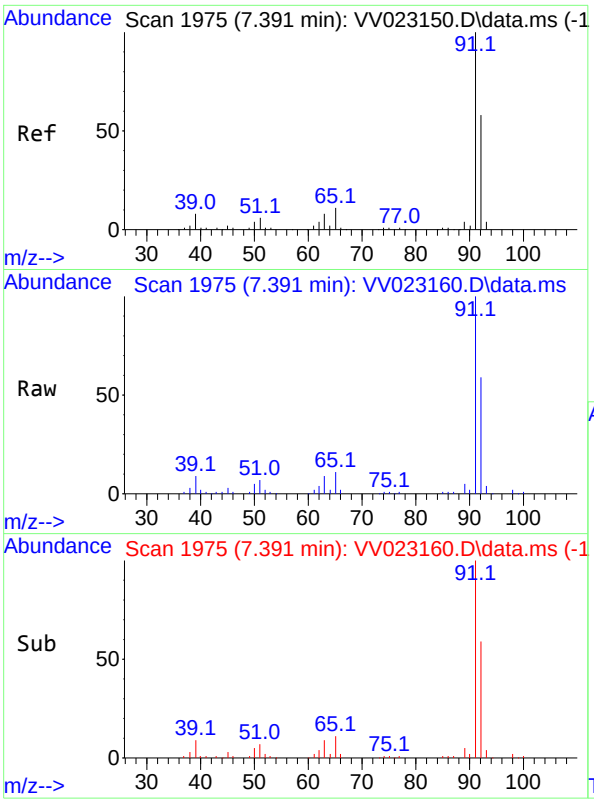




#33
Benzene
Concen: 0.806 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Tgt Ion: 78 Resp: 27097



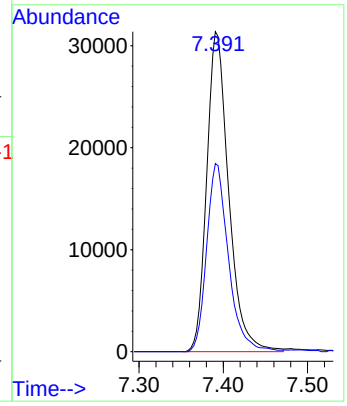


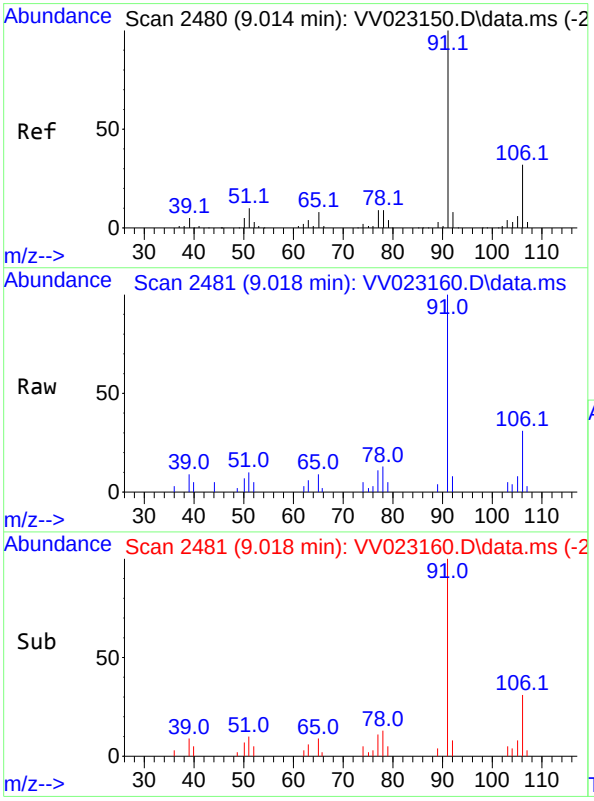
#42
Toluene
Concen: 1.671 ug/L
RT: 7.391 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Instrument :
MSVOA_V
ClientSampleId :
BG369

Tgt Ion: 91 Resp: 56917

Ion	Ratio	Lower	Upper
91	100		
92	58.8	39.3	72.9

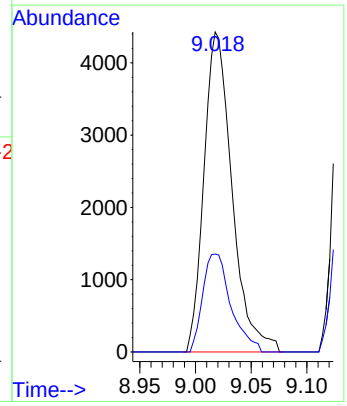


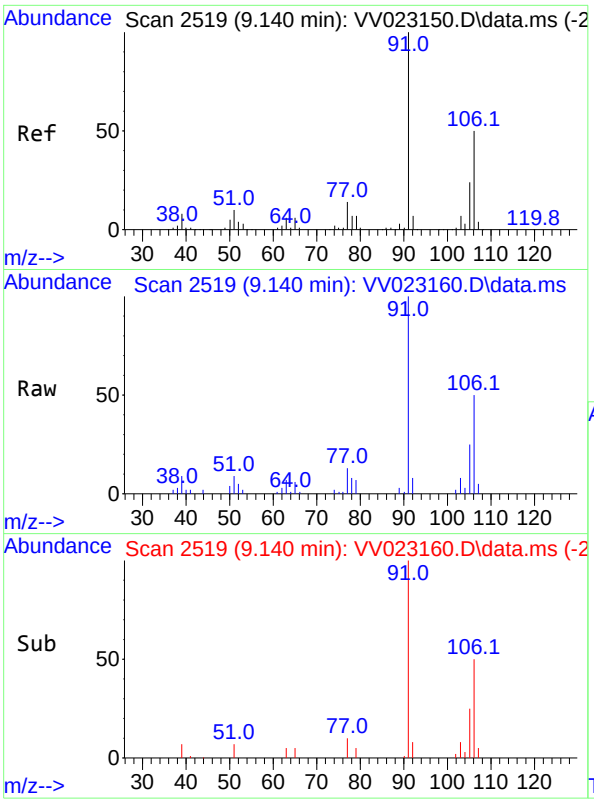


#52
Ethylbenzene
Concen: 0.229 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Tgt Ion: 91 Resp: 7758

Ion	Ratio	Lower	Upper
91	100		
106	30.6	22.5	41.9



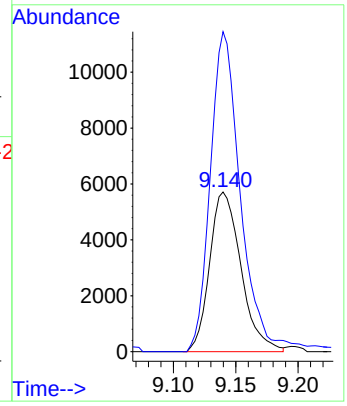


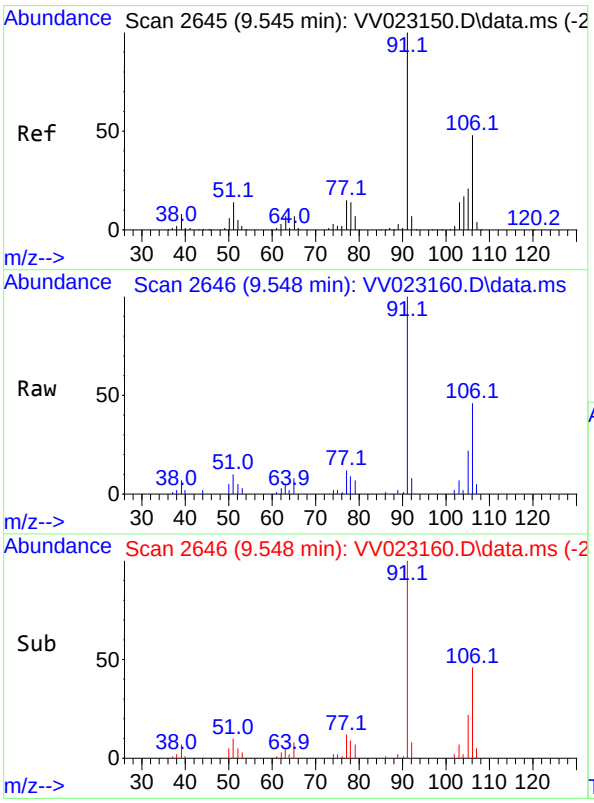
#53
m,p-xylene
Concen: 0.739 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Instrument :
MSVOA_V
ClientSampleId :
BG369

Tgt Ion:106 Resp: 10014

Ion	Ratio	Lower	Upper
106	100		
91	200.3	137.2	254.8

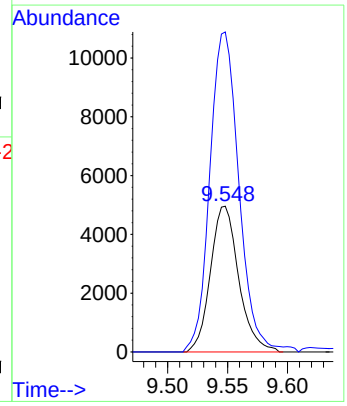


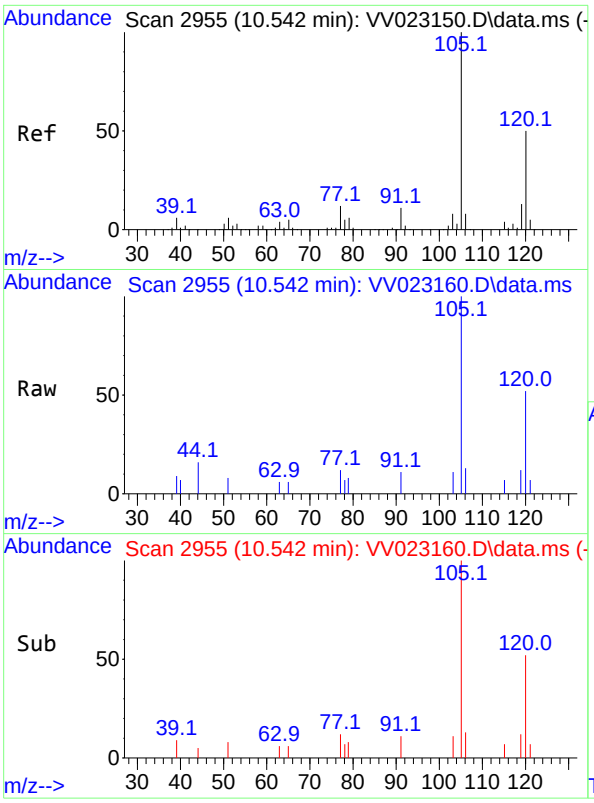


#54
o-xylene
Concen: 0.637 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Tgt Ion:106 Resp: 8133

Ion	Ratio	Lower	Upper
106	100		
91	219.7	148.3	275.5



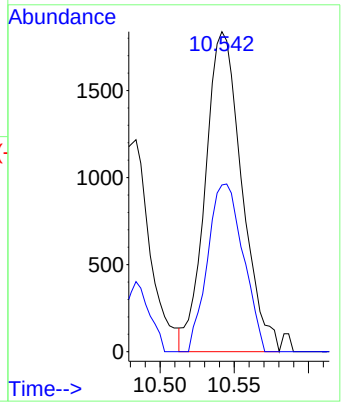


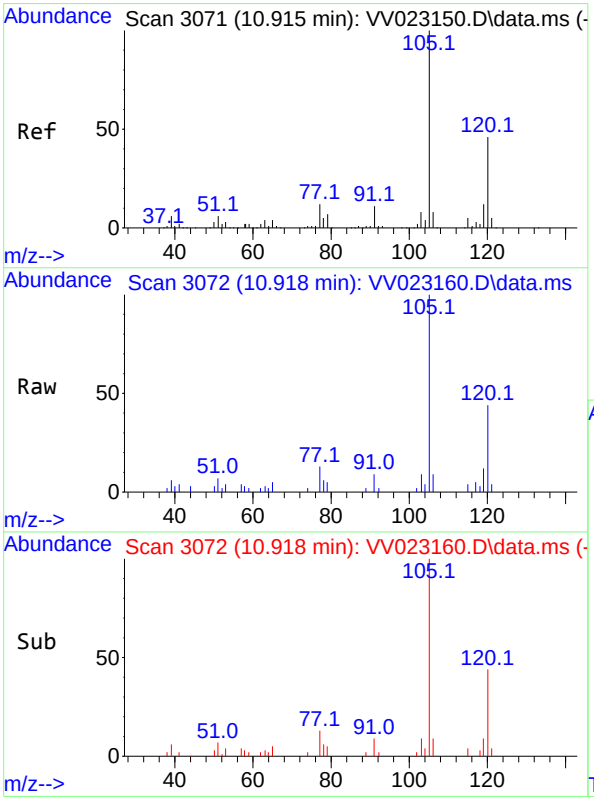
#62
1,3,5-Trimethylbenzene
Concen: 0.124 ug/L
RT: 10.542 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Instrument :
MSVOA_V
ClientSampleId :
BG369

Tgt Ion:105 Resp: 3140

Ion	Ratio	Lower	Upper
105	100		
120	51.0	39.7	59.5





#63
1,2,4-Trimethylbenzene
Concen: 0.492 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Tgt Ion:105 Resp: 12412

Ion	Ratio	Lower	Upper
105	100		
120	44.1	37.4	56.2